

AMENDMENTS TO THE CLAIMS

Claims 1 - 8 (Cancelled).

Claim 9 (New) A calibration rig, comprising:
a source of pure sterilized water or a source of a sterile conductive solution;;
a piping manifold connected to said source, at least one flow meter connected to said source via said piping manifold; and/or
at least one flow meter calibration cart connected to said source via said piping manifold; and
a drain pipe connected to each flow meter and to each flow meter calibration cart to guide liquids from said flow meter and/or said flow meter calibration cart to said drain.

Claim 10 (New) The calibration rig according to claim 9, further comprising:
a calibrated reference flow meter installed in parallel to said flow meter or a flow meter calibration cart to be calibrated or re-calibrated.

Claim 11 (New) The calibration rig according to claim 9, further comprising:
a calibrated reference flow meter installed in series to said flow meter or said flow meter calibration cart to be calibrated or re-calibrated.

Claim 12 (New) The calibration rig according to claim 9, further comprising:
a device for measuring a quantity of liquid received from a flow meter or said flow meter calibration cart installed between said flow meter or the flow meter calibration cart and said drain pipe.

Claim 13 (New) The calibration rig according to claim 12, wherein:
said device for measuring a quantity of liquid is a weigh tank.

Claim 14 (New) The calibration rig according to claim 9, further comprising:
a device for supplying a predetermined quantity of water is installed between
said source and said flow meter or the flow meter calibration cart.

Claim 15 (New) A method of calibration or re-calibration of a flow meter
or a flow meter calibration cart, comprising the steps of:

mounting the flow meter or the flow meter calibration cart on a flow meter
calibration rig;

sending pure sterilized water through the flow meter or the flow meter
calibration cart; and directing the water from the flow meter or the flow meter
calibration cart to a drain.

Claim 16 (New) A method of calibration or re-calibration of a flow meter,
comprising the steps of:

mounting the flow meter on a flow meter calibration rig according to a source
of pure sterilized water;

adding a quantity of a sterile conductive solution to the pure sterilized water,
thus obtaining a sterile conductive liquid;

sending this sterile conductive liquid through the flow mete; and
directing the sterile conductive liquid from the flow meter to a drain.